

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4A  
4/15/02

In re application of

Kuniaki YAGI, et al.

Appln. No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: January 18, 2002

Examiner: Not Yet Assigned

For: SINGLE CRYSTAL SiC AND METHOD OF PRODUCING THE SAME AS WELL AS  
SiC SEMICONDUCTOR DEVICE AND SiC COMPOSITE MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

6. A single crystal SiC, wherein:

the single crystal SiC is obtained by a method claimed in claim 1, and

the planar defect density of a topmost surface falls within a range not higher than  $10^3/\text{cm}^2$ .

7. A single crystal SiC, comprising:

single crystal SiC obtained by a method claimed in claim 1, and

another SiC deposited on the single crystal SiC by the vapor phase growth method or the

liquid phase growth method.

10. A SiC composite material, comprising:

single crystal SiC produced by a method claimed in claim 1, and

diamond or GaN formed on the single crystal SiC.

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A<sup>1</sup>

A<sup>2</sup>